

# TEAM MINUTES - 12/10/20

Location: Zoom  
Present: ALL  
Time: 3:30-5:15  
Writer: Jaden Cavender

## Agenda Items

1. Assembled first experiment, tested sand filtration. Screen was able to keep out over 90% of coarse particle sand, but only filtered out about 30% fine due to clogging. Applied water pressure to try to push clogged sand through cycle. Dramatically improved performance.
2. 3 variables to investigate to improve sand filtering and avoiding clogging are: 1. Sand size difference being larger 2. Applying pressure on the screen to force particles through 3. Changing angle and gradient on screen. Changing sand is preferred.
- 3.
- 4.

Action Items	Owner(s)	Deadline	Status
Standby	Jaden	Cont.	
Standby	Ben	Cont.	
Standby	Tobias	Cont.	
Standby	Tayson	Cont.	
Standby	Blake	Cont.	
Portfolio	Full Group	12/11	